

HITT GAINES, P.C.
Intellectual Property Law & Related Matters

1631
FAX RECEIVED
AUG 08 2003
GROUP 1600

FACSIMILE TRANSMISSION

TO: Examiner Marschel
Group Art #1631

FAX NO. 703-308-4242 or (703) 305-3014

FROM: Ron Corbett

RE: 09/129,958
Docket No. MILLS 8-9
Request for Reconsideration under 37CFR 1.116 &
Interview Summary in Accordance with CFR 1.133(b)

DATE: August 8, 2003

PAGES: ___ 16 ___ (including cover page)

If you do not receive the indicated number of pages, please notify the sender at the telephone number shown below. Thank you.

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MESSAGE:

DELIVER TO EXAMINER IMMEDIATELY!! THANK YOU.

Mailing Address: P.O. Box 832570, Richardson, Texas 75083
Street Address: 225 University Plaza, 275 West Campbell Road, Richardson, Texas 75080 U.S.A.
Tel: (972) 480-8800 Fax: (972) 480-8865 firm@abstractassets.com

PTOL-413A (05-03)

Approved for use through xxx/xx/xxxx, OMB 0651-0031
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Applicant Initiated Interview Request Form

Application No.: 09/129,958 First Named Applicant: M. Hs
Examiner: MacGhee Art Unit: 1031 Status of Application: Final Rejection
of claim 18-19, 22-29
36, 37

Tentative Participants:

(1) Ron Corbett (2) _____

(3) _____ (4) _____

Proposed Date of Interview: Aug 5, 03 Proposed Time: 9 (AM/PM)

Type of Interview Requested:

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video ConferenceExhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Ref., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>112 1st</u>	<u>36, 37</u>	<u>None</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(2) <u>112 2d</u>	<u>36, 37</u>	<u>None</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Continuation Sheet Attached

Brief Description of Arguments to be Presented:

Support for claims in re specification and amendments to resolve
112 1st and 2d paragraphs rejection

An interview was conducted on the above-identified application on _____.

NOTE:

This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Ron Corbett
(Applicant/Applicant's Representative Signature)_____
(Examiner/SPB Signature)

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DOCKET NO. MILLS 8-9

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mills, Allen P. Jr., et al.

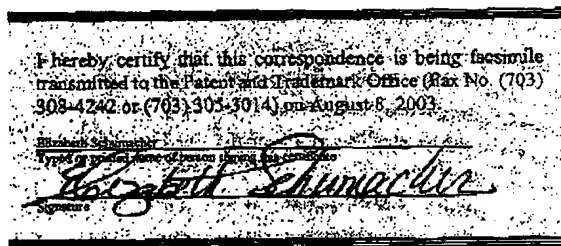
Serial No.: 09/129,958

Filed: August 6, 1998

Title: ANALOG AND NEURAL NETWORK COMPUTATION USING DNA

Grp./A.U.: 1631

Examiner: Ardin H. Marschel

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INTERVIEW SUMMARY IN ACCORDANCE WITH C.F.R. § 1.133(b)

Summarized below is the substance of a telephone interview between Examiner Marschel and the under signed attorney of record, held on August 5, 2003.

Page 6 Line 18 of the Specification was brought to the Examiner's attention as providing support for obtaining the sum of outer product $V_i^a V_j^a$, as recited in Claim 37. The Examiner indicated that the cited sections would likely resolve the rejection of Claims 37 and its dependent

OK
SUM.
AM 9-30-03

#36
Plunkett
9/29/03

claims under 35 U.S.C. §112 first paragraph. An amendment to Line 8 of part (a) in Claim 37 to recite, "forming a memory pool of said sets of dimeric oligomers" and to Line 1 of part(b) to recite, "said memory pool of dimeric oligomers...." were proposed to resolve the resolve the 35 U.S.C. §112 second paragraph rejection of this claim. The Examiner indicated that the proposed amendments would likely result is removal of the §112 second paragraph rejection to this claim.

It was proposed to remove the phases "for i = 1, 2, ... m" and "for j = 1, 2, ... n" from Claim 36 to resolve the §112 first paragraph rejection of this claim. It was also proposed to add the phrase "said concentration corresponding to said outer product matrix." to the end of Claim 36 to resolve the §112 second paragraph rejection of this claim. The Examiner indicated that if the discussed amendments to the Claim 36 were incorporated into an after-final amendment, the rejections to this claim would likely be removed and the claims would be allowed.

The Applicants request the Examiner to telephone the undersigned attorney of record at (972) 480-8800 if such would further or expedite the prosecution of the present application.

Respectfully submitted,

HITT GAINES, P.C.



Ronald J. Corbett
Registration No. 47,500

Dated: 8-8-2003
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Richardson, Texas 75083
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ATTACHMENT 5
(CORRESPONDENCE MAILED TO THE USPTO)

FAX COVER SHEET

DATE: August 8, 2003

TO: Docket Administrator
Lucent Technologies Inc. **FAX:** (732) 949-9069

FROM: Charles W. Gaines
Hitt Gaines, P.C. **PHONE:** (972) 480-8800
FAX: (972) 480-8865

NUMBER OF PAGES (including cover sheet): 1

Fill in appropriate information:

LUCENT'S CASE NAME/NO.: MILLS 8-9

YOUR REFERENCE NO.: LUCT-113924

DATE MAILED TO THE USPTO: August 8, 2003

FILING:

Application Kind:

<input type="checkbox"/> Provisional	<input type="checkbox"/> CPA Continuation	<input type="checkbox"/> Continuation
<input type="checkbox"/> New	<input type="checkbox"/> CPA Divisional	<input type="checkbox"/> Divisional
<input type="checkbox"/> New (Converted from Provisional)		<input type="checkbox"/> CIP
<input type="checkbox"/> Other _____		

Publication Requested: ☐ YES ☐ NO

Drawings Mailed: ☐ YES ☐ NO
☐ Formal ☐ Informal

Information Disclosure Statement Mailed: ☐ YES ☐ NO

Declaration & Assignment Mailed: ☐ YES ☐ NO

USPTO Fee: \$ _____

PROSECUTION:

Serial No.: 09/129,958

Date of Office Action: June 26, 2003

Response KIND:

<input type="checkbox"/> Amendment	<input type="checkbox"/> Notice of Appeal
<input checked="" type="checkbox"/> Final Amendment	<input type="checkbox"/> Appeal Brief
<input type="checkbox"/> Request for Continued Examination (RCE)	
<input type="checkbox"/> Information Disclosure Statement	
<input checked="" type="checkbox"/> Other: Interview Summary in Accordance with CFR 1.133(b)	

USPTO Fee: \$0

08/08/2003 10:28

HITT GAINES, PC → 17033084242

NO. 908 0018

LUCENT TECHNOLOGIES, INC.

INVOICE REQUEST

Submitted by: _Liz

DATE: AUGUST 7, 2003

OUR FILE: LUCT-113924

IDS No.: 113924

CASE NAME: MILLS 8-9

**ENTITLED: ANALOG AND NEURAL NETWORK COMPUTATION
USING DNA**

RESPONSIBLE ATTY: CWG/RJC

PLEASE INCLUDE THESE CHARGES:

**\$1,500.00 PREPARATION OF RESPONSE TO JUNE 26, 2003,
FINAL OFFICE ACTION**